

XP-002199503

AN - 1984-072047 [12]

AP - JP19820136678 19820803

CPY - FUJI-I

DC - L02

FS - CPI

IC - C04B21/02

MC - L02-D03

PA - (FUJI-I) FUJII M

PN - JP59026961 A 19840213 DW198412 003pp

PR - JP19820136678 19820803

XA - C1984-031127

XIC - C04B-021/02

AB - J59026961 Compsn. is used in the prodn. of lightweight foamed structures exhibiting large mechanical strength and very little drying shrinkage after foam hardening. It comprises white Portland cement having FeO content less than 0.2 wt.% and metal-type foaming agent. The foaming agent is e.g. Mg, Al, Si, Zn or their alloys or intermetallic cpds. etc. The amt. of the foaming agent is 0.1-10 pts. wt. against 100 pts. wt. cement.

- In a modification 1-10 pts. wt. vinyl-type synthetic resin easily dispersible in H2O also added to improve the mechanical strength still further. If necessary, hardening accelerating agent, e.g. Na2SO4, CaCl2, etc. viscosity-increasing agent, e.g. cellulose ether, etc. and filler e.g. silica sand, etc. may be added.

- The foamed prod. has higher mechanical strength than that obtd. from normal Portland cement and its strength development rate is very rapid.(0/7)

IW - COMPOSITION PRODUCE FOAM CONSTRUCTION MATERIAL WHITE PORTLAND CEMENT METALLIC FOAM AGENT OPTION ADDITIVE

IKW - COMPOSITION PRODUCE FOAM CONSTRUCTION MATERIAL WHITE PORTLAND CEMENT METALLIC FOAM AGENT OPTION ADDITIVE

NC - 001

OPD - 1982-08-03

ORD - 1984-02-13

PAW - (FUJI-I) FUJII M

TI - Compsn. for prodn. of foamed construction material - includes white Portland cement, metallic foaming agent and opt. other additives